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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/934,582	08/23/2001	Doreen D. Jiang	782.1115	7884

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EXAMINER

CORRIELUS, JEAN M

ART UNIT

PAPER NUMBER

2162

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/07/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	09/934,582	JIANG ET AL.	
	Examiner	Art Unit	
	Jean M. Corrielus	2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 December 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7-22 and 25 is/are allowed.
- 6) ☒ Claim(s) 1-6, 23, 24 and 26-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This office action is in response to the amendment filed on December 12, 2006, in which claims 1-28 are presented for further examination.

Response to Arguments

2. Applicant's arguments with respect to claims 1-28 have been considered but are moot in view of the new ground(s) of rejection necessitated by amendment.

Claim Objections

3. Claim 21 is objected to because of the following informalities: claim 21 recites "sent it". "It" is pronoun. However, pronoun is not acceptable in a claimed language, only what means by "it" should set forth in the claim. Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-6, 23, 24 and 26-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Reformado US patent no. 6,741,677.

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As to claim 1, Reformato discloses the claimed “generating an update request in response to an event that changes voice messaging subscriber information in a subscriber database of a voice messaging system based on a determination that said event is one of predetermined events requiring an update across the telephony messaging systems” (updating the database to reflect the change information; col.14, lines 23-32; and “when the update request is generated, automatically updating corresponding voice messaging subscriber information in the shared central subscriber directory based on the update request, where the updated voice messaging subscriber information becomes accessible by the different autonomous telephony messaging (systems to route subscriber voice messages” (a plurality of different telephone network coupled to a central office to which subscriber is connected is dynamically controlled, in response to IP status information, thereby enable a subscriber automatic access to voice mail services implemented on multiple different telephony messaging system (col.4, lines 20-22; col.14, lines 25-36 and lines 52-62).

As to claim 2, Reformato discloses, “storing the update event at an intermediate server while maintaining synchronicity between the update event and the messaging system” (col.14, lines 52-61).

As to claim 3, Reformato discloses the claimed “wherein said generating occurs only when information changed in a message box has corresponding information in the shared central subscriber directory” (col.14, lines 25-35).

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As to claim 4, Reformato discloses the claimed “sending the update request from the intermediate server to a proxy client that in turn sends the update request to the central subscriber directory” (col.17, lines 18-20).

As to claim 5, Reformato discloses the claimed “wherein said generating and updating is performed by a plurality of messaging systems that also access the shared central subscriber directory” (updating the voice messaging information, col.14, lines 24-35).

As to claim 6, Reformato discloses the claimed “wherein said generating is responsive to a change to a message box initiated by a subscriber telephone call” (col.18, lines 3-15).

As to claim 23, Reformato discloses the claimed “automatically updating a voice messaging subscriber directory used to route subscriber messages across different autonomous telephony voice messaging systems and comprising a telephone number field, a local access and transport area identifier field, a network routing address field, and a presentation address field, where said updating is based on a determination that at least one of predetermined voice messaging related events requiring an update across different autonomous telephony voice messaging systems has occurred” (updating the voice messaging system coming from a plurality of vendors, col.36-38; col.17, lines 58-col.18, line 10).

As to claim 24, Reformato discloses the claimed “a control unit generating an update request in response to an event that changes voice messaging subscriber information in a subscriber

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database of one of the voice messaging systems, the update request being generated based on a determination that the event is one of predetermined events requiring an update across the telephony voice messaging systems” (updating the voice messaging information, col.14, lines 24-35); and “a database comprising the subscriber directory, where the database is updated by said control unit based on the update request when the update request is generated, whereby the changed voice messaging subscriber information becomes accessible to each of the different autonomous telephony voice messaging systems to route subscriber voice messages” (updating the voice messaging system coming from a plurality of vendors, col.36-38; col.17, lines 58-col.18, line 10).

As to claim 26, Reformato discloses the claimed “generating an update request responsive to a voice messaging subscriber information change event in any of plural voice messaging subscriber information databases of respective autonomous voice messaging systems in response to a determination that said event is one of predetermined events requiring an update across the voice messaging systems” updating the voice messaging information, col.14, lines 24-35) and “updating a shared centralized subscriber directory used across the autonomous voice messaging systems to route subscriber voice messages among the plural message systems” (updating the voice messaging system coming from a plurality of vendors, col.36-38; col.17, lines 58-col.18, line 10).

As to claim 27, Reformato discloses the claimed “automatically updating voice messaging subscriber information of corresponding subscriber databases of the telephony messaging

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systems and the shared subscriber directory in response to a predetermined voice messaging subscriber information change event at any one of the telephony messaging systems” (updating the voice messaging information, col.14, lines 24-35); and “synchronizing corresponding routing directories of each of the telephony messaging systems in accordance with predetermined voice messaging subscriber information change event, where the telephony messages systems are maintained by multiple vendors” (updating the voice messaging system coming from a plurality of vendors, col.36-38; col.17, lines 58-col.18, line 10)..

As to claim 28, Reformato discloses the claimed “receiving a request for changing voice messaging subscriber information from a updating the voice messaging subscriber information across each of the telephony messaging systems” (updating the voice messaging information, col.14, lines 24-35); and “routing a voice message to a second of the telephony systems using the updated voice messaging subscriber information” (updating the voice messaging system coming from a plurality of vendors, col.36-38; col.17, lines 58-col.18, line 10).

Allowable Subject Matter

6. Claims 7-22 and 25 are allowable in light of the Applicant's arguments and the prior art made of record.

Reasons for Indicating Allowable Subject Matter

7. The following is an examiner's statement of reasons for allowance: Upon searching a variety of databases, the examiner respectfully submits that “an update server receiving the

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update request and appending the update request to a queue managed by said update server in a same order as one of corresponding subscriber actions and corresponding administrator actions occur, said update server reading the update requests from the queue on a first-in first-out basis and sending the update requests to the shared subscriber directory server; and a shared subscriber directory server updating a voice messaging subscriber database in real-time based on the update request, whereby the updated voice messaging subscriber information becomes accessible to each of the different autonomous telephony voice messaging systems to route subscriber voice messages.” in conjunction with all other limitations of the dependent and independent claims are not taught nor suggested by the prior art of record (PTO-892 and 1449). Therefore, all pending claims 7-22 and 25 is hereby allowed.

Since allowable subject matter has been indicated, applicant is encouraged to submit formal drawings in response to this Office action, *if only if the formal drawings have not yet been submitted to the office*. The early submission of formal drawings will permit the Office to review the drawings for acceptability and to resolve any informalities remaining therein before the application is passed to issue. This will avoid possible delays in the issue process.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance”.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

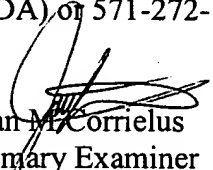
A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean M. Corrielus whose telephone number is (571) 272-4032. The examiner can normally be reached on 10 hours shift.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Jean M. Corrielus
Primary Examiner
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March 2, 2007